OSD MANUAL

3CH

Remote Control Lock: Press the star(＊) button twice if the camera does not respond to the IR remote control.

To prevent interference from other devices which emit IR control signals(e.g. remote controls for other devices, or master controllers for multiple devices which accept IR remote control signals) access to the camera by the IR Remote Control automatically 'locks' after 30 minutes of inactivity. When power is first applied to the camera, or after more than 30 minutes, press the star(＊) button twice to 'unlock' the camera controls and menus.

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NOTE : To release the Remote Control Lock, press the " ✳ " button twice.
After 30 minutes of inactivity, the Remote Control Lock will automatically reactivate. Simply press ✳✳ to resume IR control of the camera.

■ Screen View Change

- PIP (①), Split View(①,②,③,④,⑤,⑥), Full Screen(①,②,③)
  Total 10 display modes are provided.

PIP-1

Full SCR-1

Split-1

Split-2

Full SCR-2

Full Screen-3

Split-3

Split-4

Split-5

Split-6

Display Modes

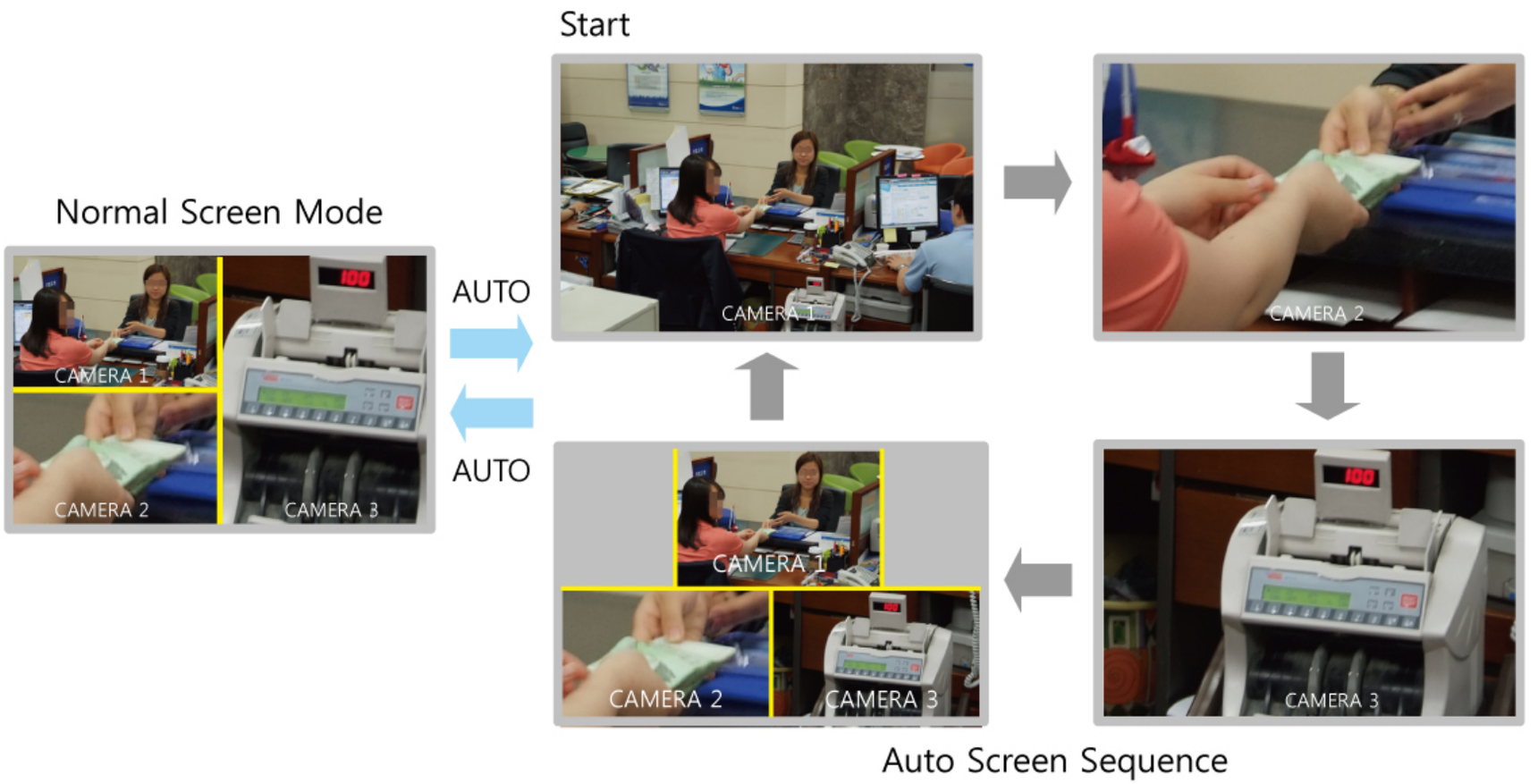
There are 3CH, 1CH display modes.
3CH display mode shows 'PIP-1', Split Screen' (1,2,3,4,5,6).
1CH display mode shows 'Full Screen-1', 'Full Screen-2' and 'Full Screen-3'.

Remote controller

- Press "MODE" Button then Camera view is changed.
  Change order 'PIP-1' → '3Split-1' → '3Split-2' → '3Split-3' → '3Split-4' → 'Split-5' → 'Split-6'.
- Press "①,②,③" Button then Camera View is changed to Full screen (①,②,③).

■ AUTO SCREEN SEQUENCE

- As per the setting time, Camera 1, Camera 2, Camera 3 and Split Screen are displayed.
- Dwell time can be set on OSD Menu.



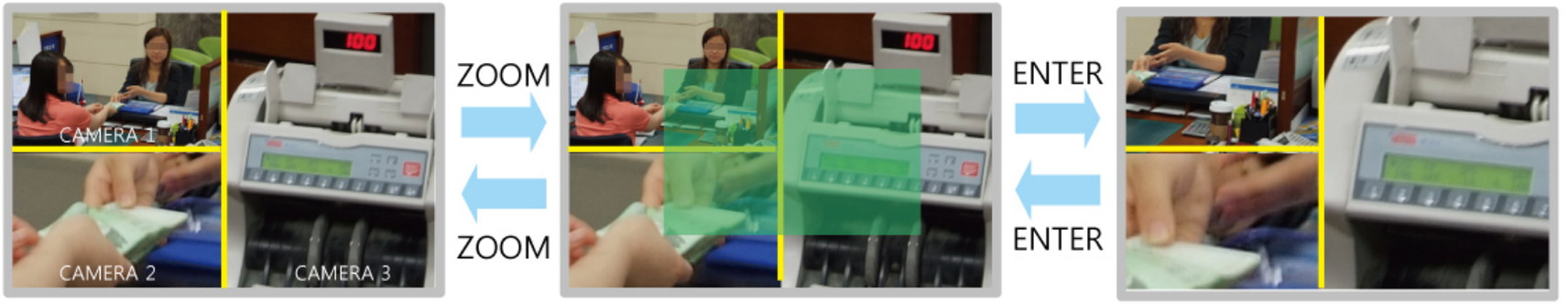
Auto Screen Sequence

Remote Controller

- Press "AUTO(REC)" Button then enable auto screen sequence.
  Press "AUTO(REC)" Button again then disable auto screen sequence.

■ Digital ZOOM (x2)

- Designated area zooms.



Normal Screen Mode ZOOM Mode ZOOM (x2)

Remote Controller

- Press "ZOOM(SEARCH)" Button then camera becomes a zoom mode.
  Screen shows green square.
  Press "ZOOM(SEARCH)" Button again then disable zoom mode.
- Press ▲,▼,◀,▶ Button then green square can be moved.
  Press "ENTER" Button then green square zone will zooms in.
  Press "ENTER" Button again then disable zoom in.

■ SCREEN FREEZE

- Screen will be paused.

Normal Screen Mode　　Freeze Mode　　Selected Camera Freeze

Full Screen　　Screen Freeze

Remote Controller

- Press "FREEZE(#)" Button then Camera will be freeze mode at left upper side on screen. Camera number will appear.
  Press "FREEZE(#)" Button again then disable Freeze Mode.
- Press "① ,②, ③"Button then selected camera will be paused.
  Selected number twinkles on top left of the screen.
  Press "① ,②, ③"Button again then disable the selected camera pause.
  Selected number does not twinkle.
- On Full Screen Mode, Press "FREEZE(#)" Button then Screen enable freeze (Show "Freeze" letter on Left Upper screen).
  Press "FREEZE(#)" Button again then disable freeze.

1. TITLE

- Camera title can be entered. 8 letters can be entered.
  Alphabet (A~Z), Number(0~9) and Blank can be entered.
- TITLE OSD: Title is displayed when 'On' is selected.

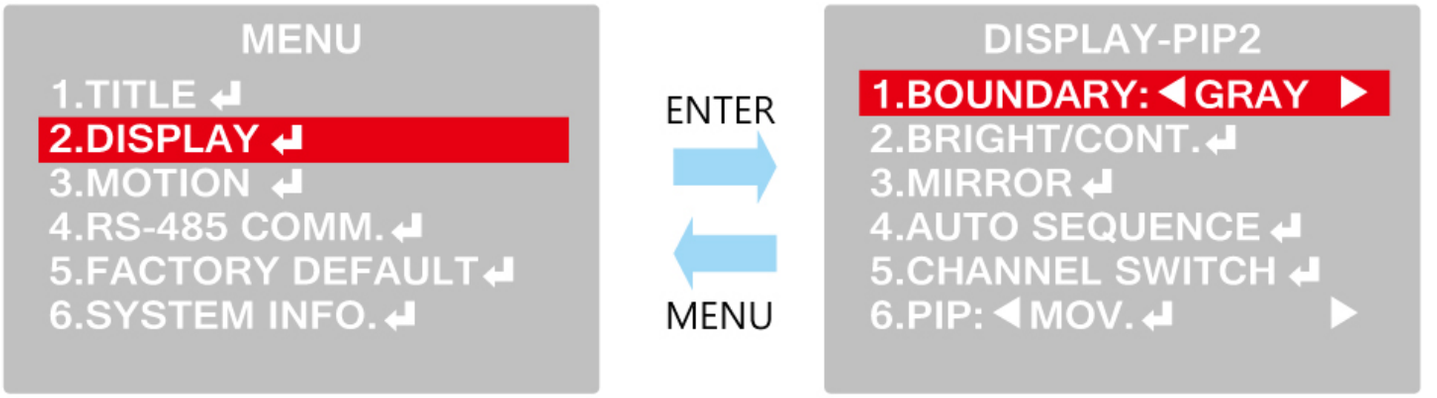
OSD MENU TITLE

Remote Controller

- Select "TITLE" category then enable Title function.
  Press "MENU" Button again then return to OSD MENU.
- Press "▲" Button red square move to right side.
- Press "▼" Button red square move to low row.
- Press "◀, ▶" Button, letter can be changeable.

2. DISPLAY - BOUNDARY

- BOUNDARY : Define screen boundary color.
- BOUNDARY Color: GRAY, WHITE, YELLOW, BLUE, RED, BLINK, BLACK, OFF.



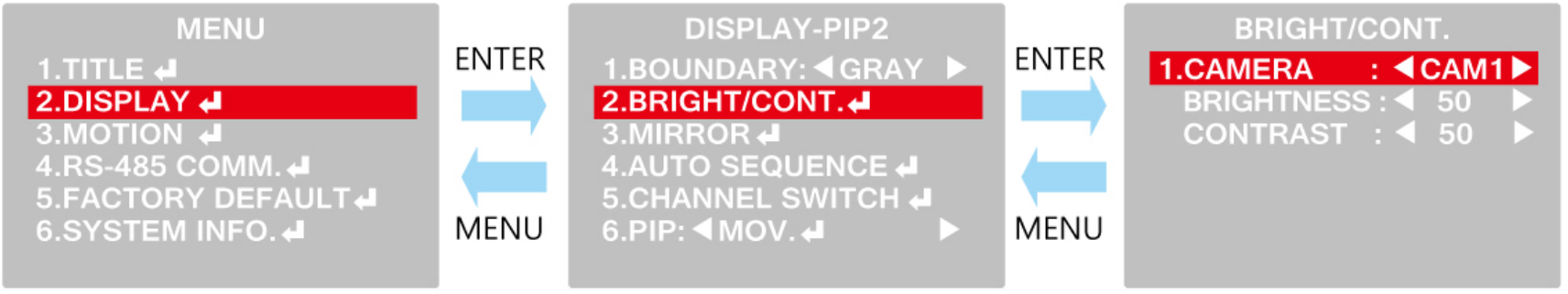
OSD MENU DISPLAY

Remote Controller

- On OSD MENU, Select "DISPLAY" and press "ENTER" Button .
  Press "MENU" Button then return back OSD MENU.
- On BOUNDARY, Press "◀,▶" Button then can be change boundary color.
- Press "▲ ,▼" Button then can move to up and down.
- Press "ENTER" Button then enable each category .

3. DISPLAY - BRIGHT/CONT.

- BRIGHT/CONT.: To adjust brightness and contrast.
- Each brightness and constrast of CAM1, CAM2 and CAM3 can be adjusted.



OSD MENU　　DISPLAY　　BRIGHT/CONT.

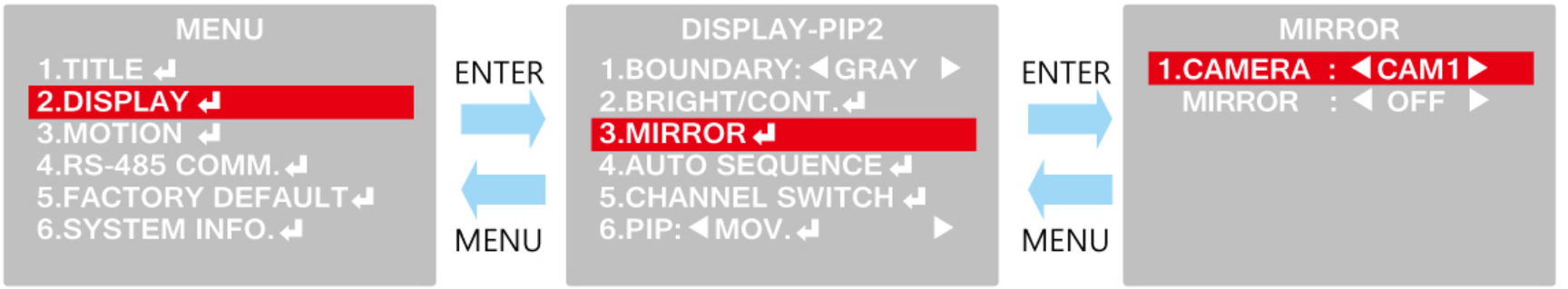
Remote Controller

- Select "BRIGHT/CONT." and Press "ENTER" Button.
  Press "MENU" Button again return back OSD MENU.
- Press "▲ ,▼" Button then each menu can be selectable.
- Press "◀,▶" Button then parameter can be changeable.

4. DISPLAY - MIRROR

- DISPLAY-MIRROR: Enable "MIRROR" effect.
- Mirror effects of CAM1, CAM2 and CAM3 can be adjusted.
- MIRROR Effect: OFF, HOR. , VER. , H/V.

☞ **OFF: No Mirror Image, HOR.: HORIZONTAL**
VER.: VERTICAL, H/V: HORIZONTAL/VERTICAL



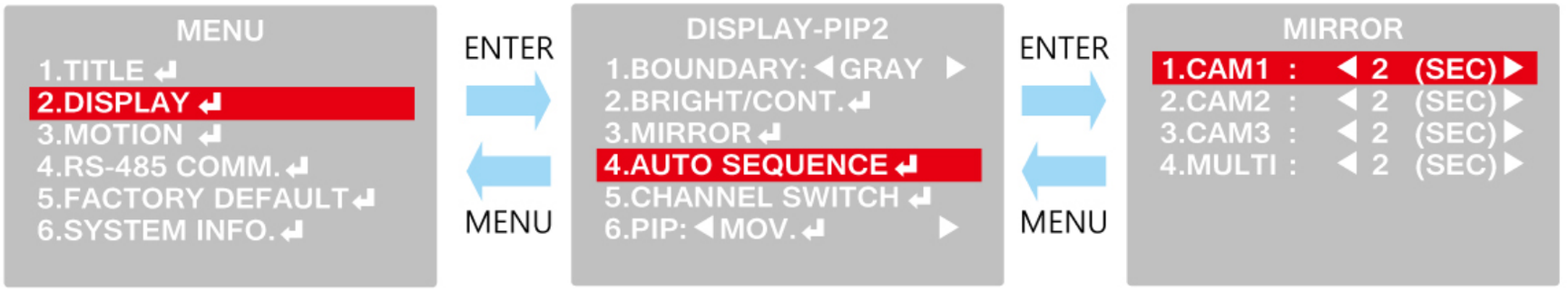
OSD MENU DISPLAY MIRROR

Remote Controller

- Select "MIRROR" and press "ENTER" Button.
  Press "MENU" Button again to return to OSD MENU.
- Press "▲ ,▼" Button then each menu can be selectable.
- Press "◀,▶" Button then parameter can be changeable.

5. DISPLAY - AUTO SEQUENCE

- DISPLAY- AUTO SEQUENCE: Set dwell time for AUTO SEQUENCE.
- Each cameras dwell time and multi view screen dwell time can be set.



OSD MENU DISPLAY AUTO SEQUENCE

Remote Controller

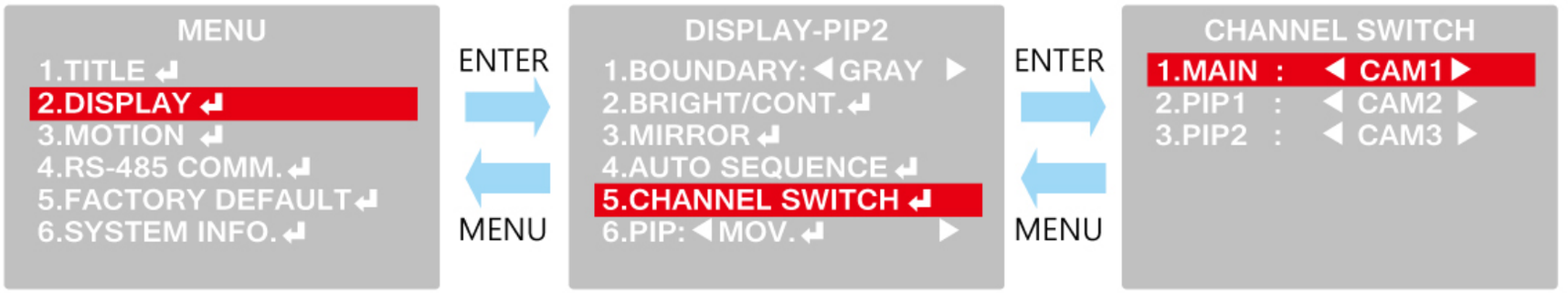
- Select "AUTO SEQUENCE" and press "ENTER" Button.
  Press "MENU" Button again to return to OSD MENU.
- Press "▲ ,▼" Button then each menu can be selectable.
- Press "◀,▶" Button then parameter can be changeable.
- Press "MENU" Button again to return to OSD Menu.

☞ **When AUTO button of remote controller is pressed, auto sequential display is operated.**

6. DISPLAY - CHANNEL SWITCH

- CHANNEL SWITCH: Camera's position at the screen can be relocated.
- MAIN: Select a camera for full screen display. (Values: CAM1, CAM2, CAM3)
- PIP1, PIP2: Select a PIP camera (Values: CAM1, CAM2, CAM3)

☞ **Channel Switch-PIP2 is only possible at PIP2 screen mode.**



OSD MENU | DISPLAY-PIP2 | CHANNEL SWITCH

Remote Controller

- Select "CHANNEL SWITCH" and press "ENTER" Button.
  Press "MENU" Button again to return to OSD MENU.
- Press "▲ ,▼" Button then each menu can be selectable.
- Press "◀,▶" Button then parameter can be changeable.

7. DISPLAY - PICTURE MOVE 1

- The biggest picture has hidden area and the hidden area can be shown by moving the picture.
- At '3 split view 1 and 2', only moving left and right is possible.
- At '3 split view 3 and 4', only moving up and down is possible.

OSD MENU DISPLAY-TRIPLE

3Split View-1

3Split View-2

3Split View-3

3Split View-4

Remote Controller

- Select "DISPLAY - PICTURE MOVE" and press "ENTER" button then picture can be movable. At this time OSD will disappear and just show live view. Press "MENU" button again to return to OSD Menu.

3 Split view-1, 2

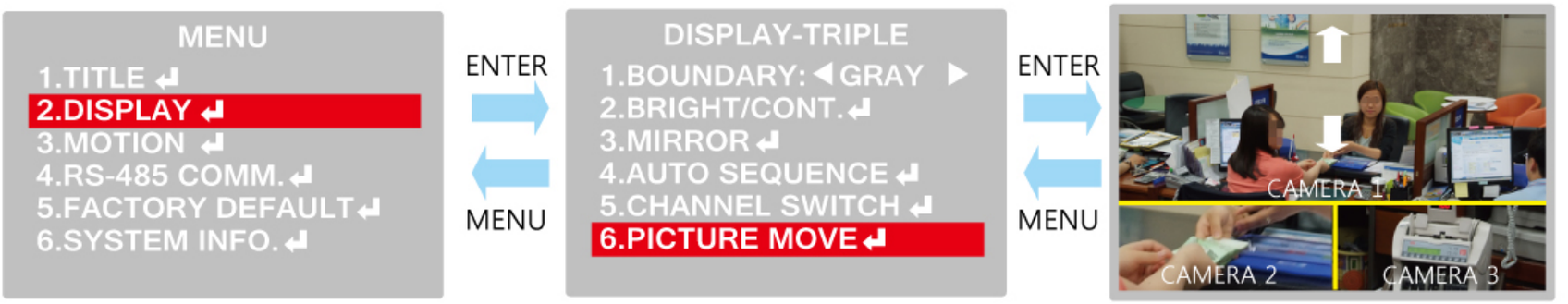
- Press "◀,▶" button then Picture can be moved left and right.
- Press "MENU" button to return to OSD Menu.

3 Split view-3, 4

- Press "▲,▼" button then picture can be moved up and down.
- Press "MENU" button to return to OSD Menu.

8. DISPLAY - PICTURE MOVE 2

- Picture can be moved.
- For PICTURE MOVE, OSD Menu have to be operated at '3 Split Display'.
- To move the picture up and down is available.



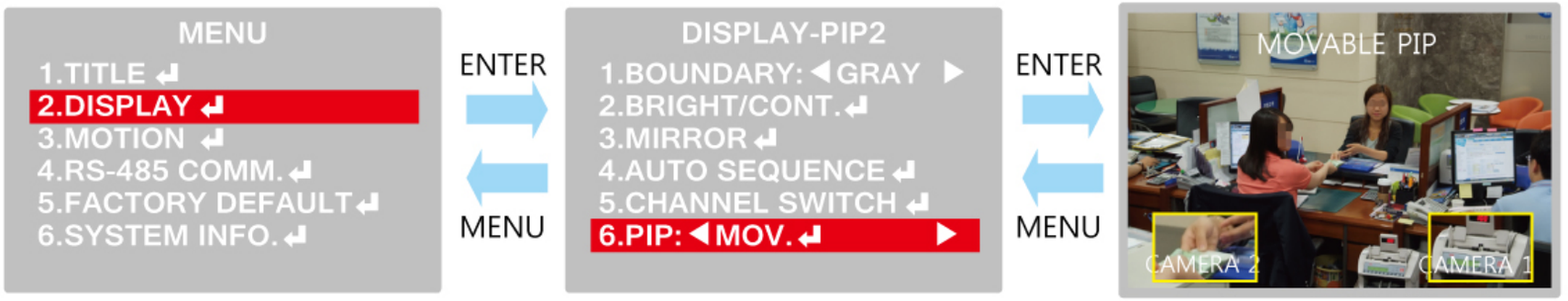
OSD MENU | DISPLAY-TRIPLE | PICTURE MOVE SET

Remote Controller

- Press ENTER at DISPLAY and press ENTER at PICTURE MOVE.
- Press ▲,▼ button of remote controller to move up and down.
- Press ENTER of the remote controller to select other camera.
- Press MENU of the remote controller to return to OSD menu.

9. DISPLAY - PIP MOV.

- 'MOV.' and 'MOV./RESIZ.' can be selected.
- 'MOV.' is to relocate PIP itself.



OSD MENU　　DISPLAY-PIP　　PIP MOV.

Remote Controller

- Press enter at '2.DISPLAY' and move to '6.PIP: MOV.'. Then press enter.
- Press "▲,▼,◀,▶" button to relocate PIP position user wants.
- Press "MENU" Button again to return to OSD Menu.
- Press number #2 of the remote controller to select other camera.

10. DISPLAY - PIP MOV./RESIZ.

- PIP MOV./RESIZ. : ①MOVABLE PIP: Moving PIP screen
  ②RESIZABLE PIP: Resizing PIP
  ③PICTURE MOVE: Moving picture inside of PIP screen

☞ **Full image is not displayed on PIP at the setting of MOV./RESIZ.**

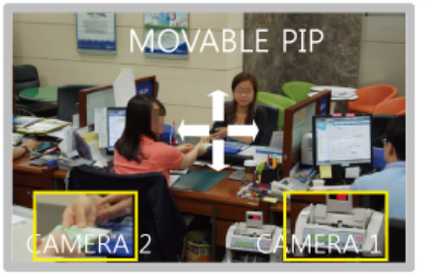
DISPLAY-PIP

ENTER

MENU

①MOVABLE PIP

②RESIZABLE PIP



③PICTURE MOVE

Remote Controller

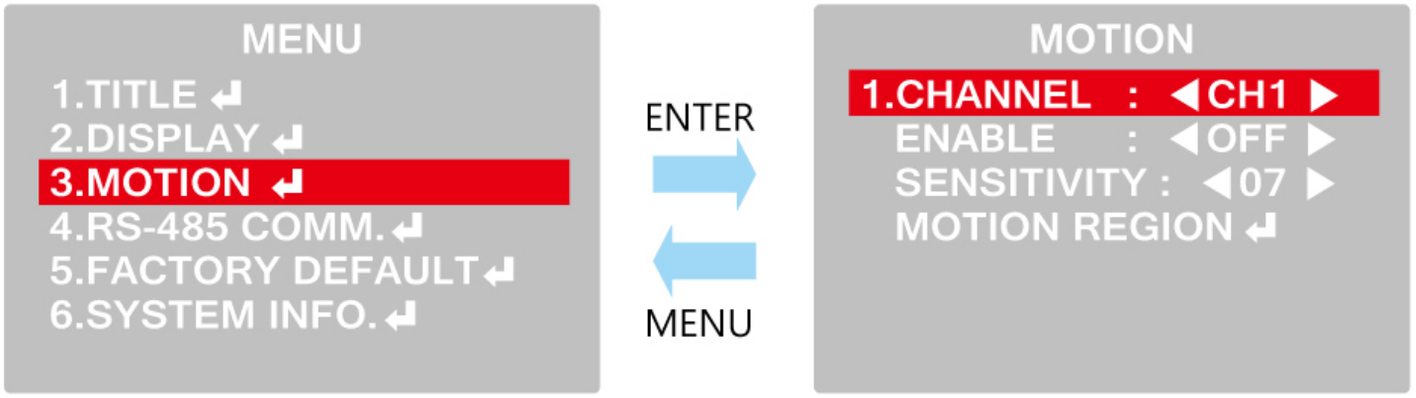
- Select DISPLAY - PIP MOV./RESIZ. and Press "ENTER" Button to enable "PIP MOV./RESIZ.".
- Press "▲,▼,◀,▶"button then each setting values can be changed.
  (move PIP, resize PIP or move picture of PIP.)
- Press "MENU" Button to return to "OSD Menu".

☞ ↵ **Mark means that the category has sub-menu.**

☞ **'◀ ▶' mark means that there are other possible settings.**

11. MOTION

- During MOTION is activate, the selected camera detects moving object. When camera detects a motion, full screen will be displayed for 3 seconds.
- CHANNEL: To select a camera to set motion detect.
- ENABLE: To enable motion detection function.
- SENSITIVITY: To set the sensitivity to detect.



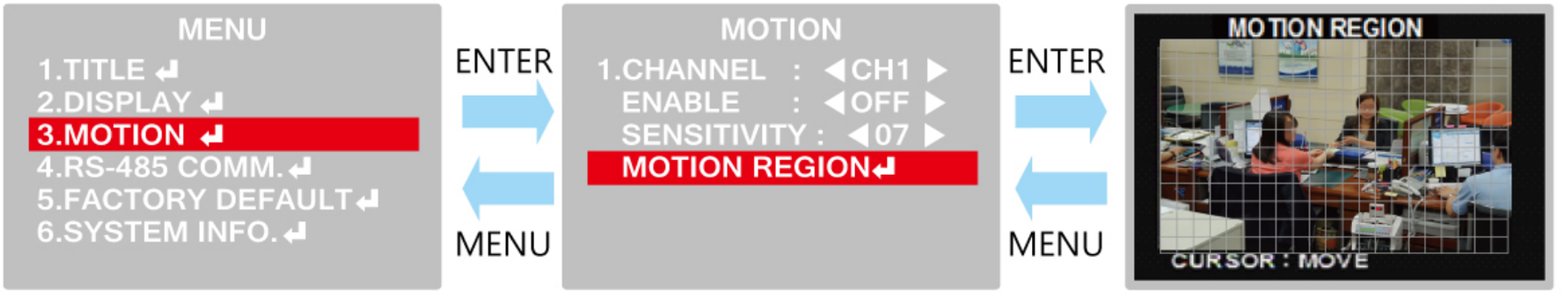
OSD MENU　　MOTION

Remote Controller

- Select "OSD-MOTION" and press "ENTER" Button.
- Press "▲ ,▼" Button then each menu can be selectable.
- Press "◀,▶" Button then parameter can be changeable.
- Press "MENU" Button to return to OSD Menu.

12. MOTION - MOTION REGION

- MOTION REGION: To set motion area.
- MOVE(Black): To move grid
- SET(Yellow): To enable motion detection
- CLEAR(Blue): To disable motion detection



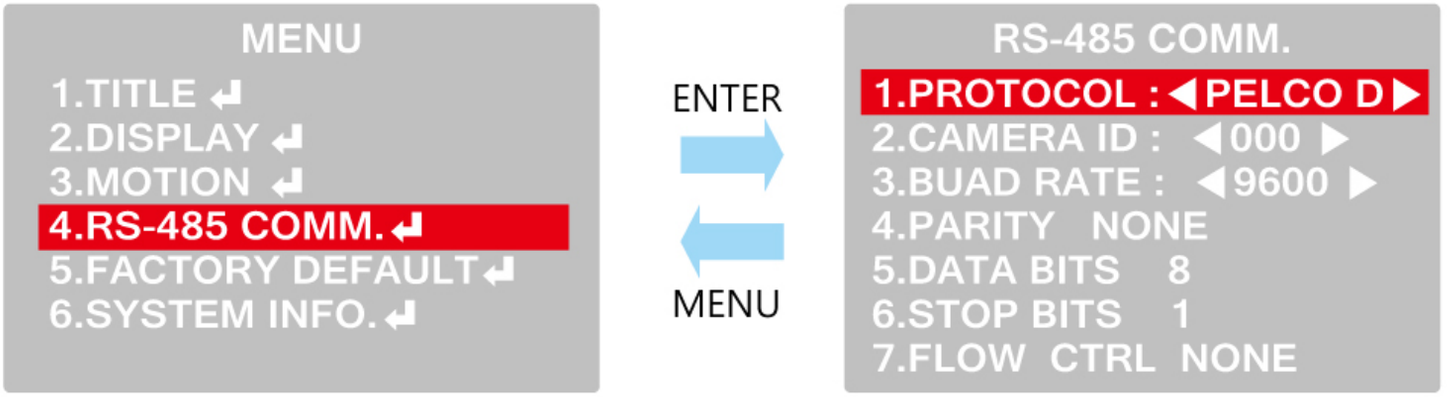
OSD MENU | MOTION | MOTION REGION

Remote Controller

- Select "MOTION-MOTION REGION" and press "ENTER" Button
- Press "▲,▼,◀,▶" Button then can move grid cell and set parameter 'MOVE' 'SET' or 'CLEAR'.
- Press "ENTER" Button then parameter will be changed to 'MOVE' 'SET' or 'CLEAR' at same time, show 'MOVE' 'SET' or 'CLEAR' on screen.
- Press "MENU" Button again to return to OSD Menu.

13. RS-485 COMM.

- The communication is only available with the equipment having P/T/Z control. Function key such as zoom, focus, pan and tilt enables to control it.
- PROTOCOL, CAMERA ID, BAUD RATE are only possible to be set at OSD.
- PELCO-D and PELCO-P are possible protocols.
- Possible CAMERA ID is from 1 to 255.
- BAUD RATEs can be selected.



OSD MENU

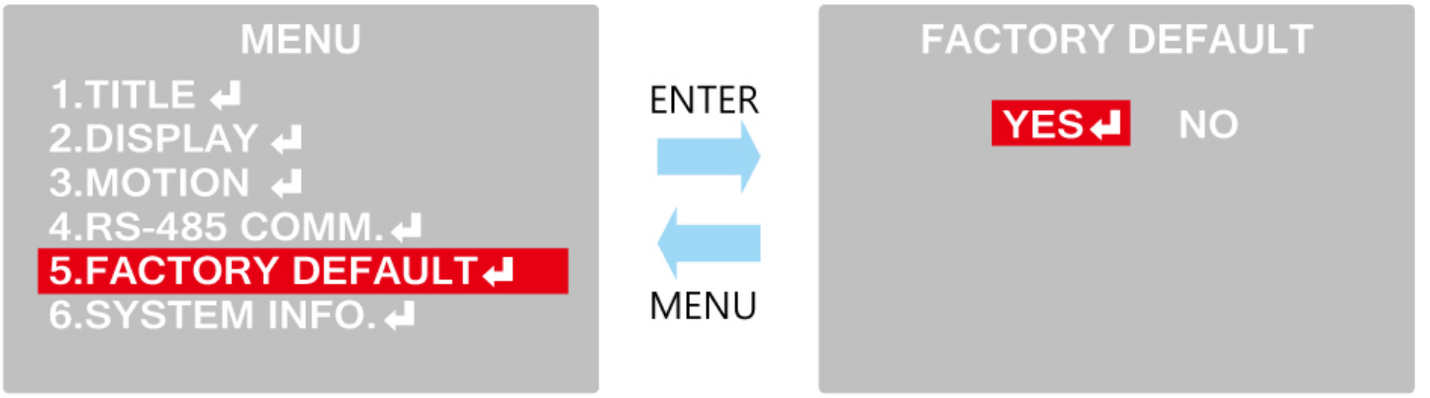
RS-485 COMM.

Remote Controller

- Select OSD-RS-485 COMM. And Press "ENTER" Button then enable RS-485. Press "MENU" Button then return back OSD MENU.
- Press "▲ ,▼" Button then each menu can be selectable.
- Press "◀,▶" Button then parameter can be changeable.

14. FACTORY DEFAULT

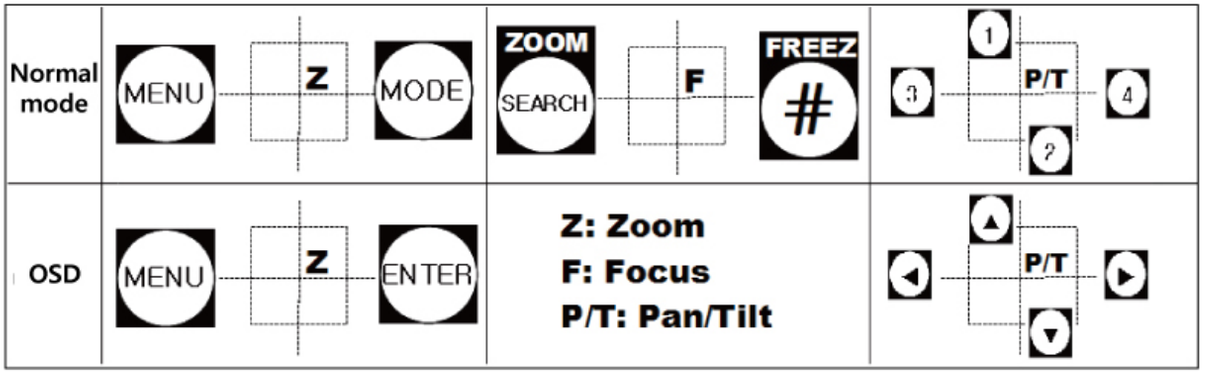
- The setting can be returned to the factory default.



OSD MENU　　FACTORY DEFAULT

Remote Controller

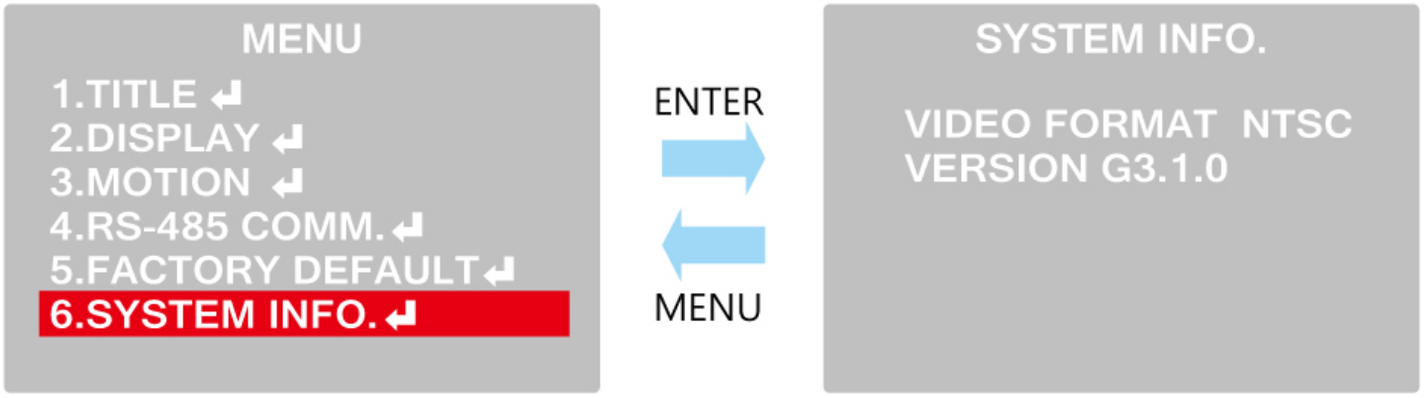
- Select "FACTORY DEFAULT" and Press "ENTER" Button then camera shows FACTORY DEFAULT.
  Press "MENU" Button then return back OSD MENU.
- Press "◀,▶" Button then choice 'YES' or 'NO'.
- Select 'YES' and press ENTER button then the settings will becomes default values.
- Press "MENU" Button again to return to OSD Menu.



15. SYSTEM INFO.

☞ SYSTEM INFO just shows the version information.

- VIDEO TYPE shows PAL or NTSC.
- VERSION shows the firmware version.



OSD MENU

SYSTEM INFO.

Remote Controller

- Select "SYSTEM INFO." and Press "ENTER" Button then show SYSTEM INFO. Press "MENU" Button again then return back OSD Menu.